

Residential High Efficiency Gas Heating Equipment

PROGRAM SCREENING OUTPUTS Include non-resource benefits? (0 = no, 1 = yes) 0
22-Oct-02 18:11:12 Number of Years of Market Effects Included in Benefits and Costs: 15

Residential High Efficiency		Total Resource			Electric Energy System				
Measure Name	Measure ID	Present Value Benefit	Cost	PV of Net Benefits	Benefit-Cost Ratio	Present Value Benefit	Cost	PV of Net Benefits	Benefit-Cost Ratio
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
Program Total		\$74,694,306	\$25,234,572	\$49,459,733	2.96	-	-	-	-
Non-Measure			\$3,158,900				\$0		
Total Measure		\$74,694,306	\$22,075,672	\$52,618,634	3.38	-	-	-	-
HE Res. Furnace	HE Res. Furnace	\$41,256,018	\$7,299,215	\$33,956,803	5.65	-	-	-	-
HE Res. Hot Water	HE Res. Hot Water	\$28,817,476	\$13,333,436	\$15,484,040	2.16	-	-	-	-
HE Res. Steam Boil	HE Res. Steam Boil	\$4,620,812	\$1,443,021	\$3,177,791	3.20	-	-	-	-

High Efficiency Water Heating Program

PROGRAM SCREENING OUTPUTS
22-Oct-02 18:13:48

Include non-resource benefits? (0 = no, 1 = yes) 0
Number of Years of Market Effects Included in Benefits and Costs: 15

High Efficiency Water Heating		Total Resource			Electric Energy System				
Measure Name	Measure ID	Present Value Benefit	Cost	PV of Net Benefits	Benefit-Cost Ratio	Present Value Benefit	Cost	PV of Net Benefits	Benefit-Cost Ratio
Program Total	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
	Non-Measure	\$9,511,991	\$5,852,484	\$3,659,507	1.63	-	\$0	-	-
	Total Measure	\$9,511,991	\$5,462,256	\$4,049,735	1.74	-	-	-	-
	HE Water Heaters	\$7,277,356	\$4,183,922	\$3,093,435	1.74	-	-	-	-
Integrated DHW/Furnace	Integrated	\$1,615,798	\$837,958	\$777,840	1.93	-	-	-	-
Indirect DHW	Indirect DH	\$618,838	\$440,377	\$178,461	1.41	-	-	-	-

Residential New Construction (JMC)

PROGRAM SCREENING OUTPUTS
22-Oct-02 18:52:19

Include non-resource benefits? (0 = no, 1 = yes) 0
Number of Years of Market Effects Included in Benefits and Costs: 15

Residential New Construction		Total Resource			Electric Energy System				
Measure Name	Measure ID	Present Value Benefit	Present Value Cost	PV of Net Benefits	Benefit-Cost Ratio	Present Value Benefit	Present Value Cost	PV of Net Benefits	Benefit-Cost Ratio
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
Program Total		\$43,602,235	\$18,487,807	\$25,114,428	2.36	\$2,613,970	-	\$2,613,970	-
Non-Measure			\$773,081				\$0		
Total Measure		\$43,602,235	\$17,714,727	\$25,887,509	2.46	\$2,613,970	-	\$2,613,970	-
	0	-	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-	-
	0	-	-	-	-	-	-	-	-
E-star SF Home with E-star SF Home		-	-	-	-	-	-	-	-
E-star SF Home with E-star SF Home		\$20,074,026	\$4,375,322	\$15,698,704	4.59	\$1,204,032	-	\$1,204,032	-
E-star MF Home	E-star MF	\$23,528,209	\$13,339,405	\$10,188,805	1.76	\$1,409,938	-	\$1,409,938	-

Commercial High Efficiency Gas Heating Equipment

PROGRAM SCREENING OUTPUTS
22-Oct-02 18:58:20

Include non-resource benefits? (0 = no, 1 = yes)
Number of Years of Market Effects Included in Benefits and Costs:

0
15

Commercial High Efficiency		Total Resource				Electric Energy System			
Measure Name	Measure ID	Present Value		PV of Net Benefits	Benefit-Cost Ratio	Present Value		PV of Net Benefits	Benefit-Cost Ratio
		Benefit	Cost			Benefit	Cost		
[1]		[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
Program Total		\$5,464,081	\$2,495,654	\$2,968,427	2.19	-	-	-	-
Non-Measure			\$388,069				\$0		
Total Measure		\$5,464,081	\$2,107,585	\$3,356,496	2.59	-	-	-	-
HE Gas Furnace	HE Gas Fu	\$2,673,927	\$544,920	\$2,129,007	4.91	-	-	-	-
HE Hot Water Boiler	HE Hot Wa	\$2,175,511	\$1,353,284	\$822,227	1.61	-	-	-	-
HE Steam Boiler	HE Steam	\$614,643	\$209,381	\$405,261	2.94	-	-	-	-

Infrared Heating Program

PROGRAM SCREENING OUTPUTS
22-Oct-02 19:03:38

Include non-resource benefits? (0 = no, 1 = yes)
Number of Years of Market Effects Included in Benefits and Costs:

0
15

Infrared Heating Program		Total Resource				Electric Energy System			
Measure Name	Measure ID	Present Value		PV of Net Benefits	Benefit-Cost Ratio	Present Value		PV of Net Benefits	Benefit-Cost Ratio
		Benefit	Cost			Benefit	Cost		
Program Total	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
		\$6,885,299	\$1,911,084	\$4,974,215	3.60	-	-	-	-
	Non-Measure		\$142,178				\$0		
Total Measure		\$6,885,299	\$1,768,906	\$5,116,393	3.89	-	-	-	-
Infrared Heaters	Infrared He	\$6,885,299	\$1,768,906	\$5,116,393	3.89	-	-	-	-